

Extruded plastic sheet structure sandwiches water-resistant matrix containing absorbent particles and capillary transport paths

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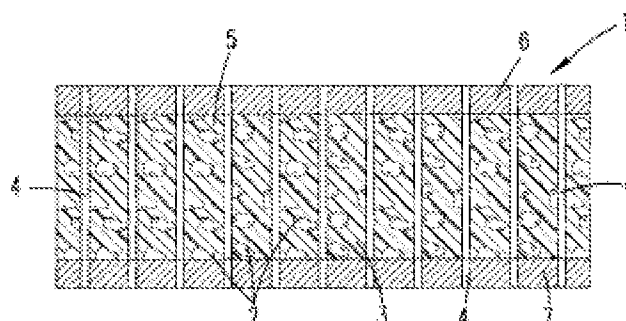
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Abstract of **DE10143002**

The particles (2) are absorbent. They can be wetted through capillary transport paths (4), starting from either side of the composite (1). Capillary paths are needle-shaped or result from surface roughness. Particles may be concentrated on one side of the matrix (3) and are uniformly distributed over the area of the sheet. The sheet is multilayer, with particles in only one layer. Further variants are described, based on the foregoing principles. An Independent claim is included for the method of extruding the sheet.



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